



LES IMPORTATIONS DOSH-DART LTÉE.  
DOSH-DART IMPORT LTD.

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05 May 1996

TO THE UNITED STATES PATENT OFFICE  
Commissioner of Patents and Trade Marks.  
Tel: 703-308-2603, Fax: 703-305-3463/3464

3 PAGES

Patent and Trade Mark Office  
Group unit: 3407

**Examiner: C. Atkinson**  
Washington, DC , 20231

RE: Application no 08/418,286

Filed: 04/07/95

Applicants: Erwin Schwartz and Peter Lipert.  
Title: Heat Exchanger, Art Unit: 3407

Subject: Response to your letter of February 15, 1996

Dear Sir.

First we wish to inform you that from now on we will be handling our own patent application and not through services of Ms Mila Shvartsman.

Before responding to your review of February 15 1996, we would like to bring to your attention our point of view.

- A) We are employing experts in the field of heat exchangers for liquids containing solids especially for the Sewage Sludge applications. Our experts agree that our unit to Recover Energy in the Sludge Treatment is new and Unique and should be patentable.
- B) Obviously we are not asking for a patent for heaters or holes or flow of liquid or flow of air or flow of gases or inlet or outlet or any basic shape like semi-octagonal or semi-circular, etc....

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GROUP 3407

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- c) Our Design was done with the help of 6 Professional Engineers with the aid of the Canadian and Quebec governments who both approved our project to be innovative new and fully approved for R&D. So Please try to notice the patentability of the whole concept and the whole picture because your rejection points out mostly to claims that are for unrelated applications.

Re your claim Rejections

23-28 We accept.

not  
in claim  
31- We have a unique design of straight directional baffle WITH ADDITIONAL LARGER DIAMETER ROUND BAR AT THE END, IN ORDER TO AVOID STRINGY MATERIAL IN SLUDGE FLOW FROM BEING STUCK AT IT. It is not there to smooth out the fluid flow as in Kadle.. See sketch

32- 33 We accept.

37-We accept

38-We have a unique design of PRESSURE RELIEF HOLES (ORIFICES) THAT ALLOW REDUCTION OF PRESSURE FROM BUILD UP IN CASE OF BLOCKAGE BETWEEN ADJOINING CHANELES it is not there to allow the main flow of gas or liquid and NOT FOR THE PURPOSE OF REDUCING LARGE TEMPERATURE DIFFERENTIALS as per Abraham.

not  
claimed  
(very bottom)  
Our pressure relief holes are located at the very bottom of the vertical dividers where the liquid starts to fill up. See sketch

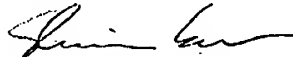
40-42 We accept.

WE TRUST THEREFORE THAT YOU will ACCEPT CLAIMS  
NUMBERS 29, 30, 31, 34, 35, 36, 38, 39

Both inventors Erwin Schwartz and Peter Lipert have jointly and simultaneously worked on this invention and therefor commonly own all claims of this patent application.

We thank you for your attention to our application.

Respectfully yours.



Erwin Schwartz /B. Eng.



Peter Lipert

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